

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115033.D
 Acq On : 14 Jun 2019 12:17
 Operator : HP/JU
 Sample : PB120556BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 15:40:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

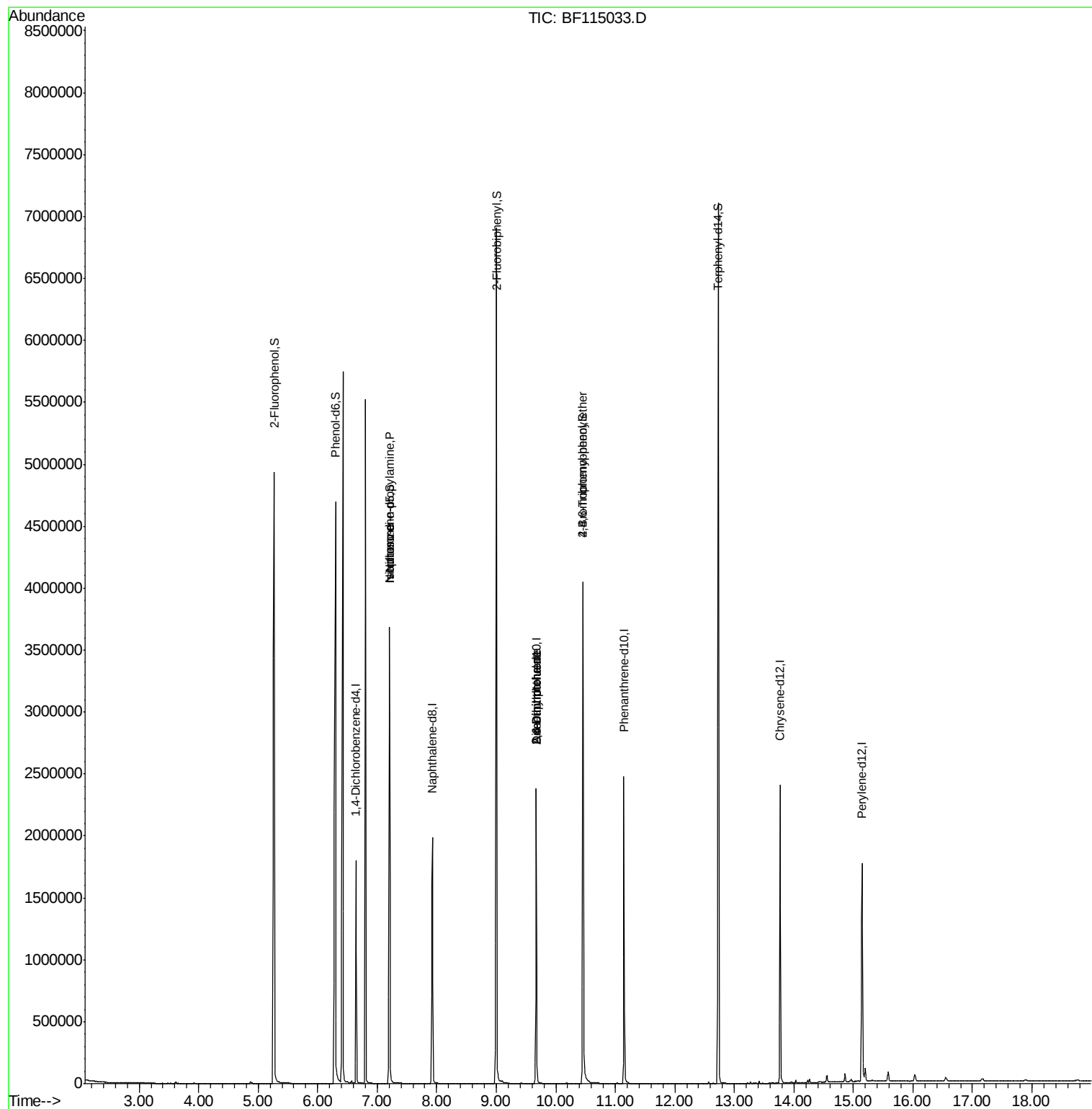
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	264220	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1035786	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	501356	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1003246	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	798139	20.00	ng	-0.01
87) Perylene-d12	15.14	264	778477	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1810539	114.42	ng	0.01
7) Phenol-d6	6.30	99	2250978	117.93	ng	0.00
23) Nitrobenzene-d5	7.21	82	1363769	79.25	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	635088	118.29	ng	0.00
45) 2-Fluorobiphenyl	9.00	172	2549436	86.18	ng	0.00
79) Terphenyl-d14	12.73	244	2819278	66.44	ng	0.00
Target Compounds						
9) Benzaldehyde	6.30	77	3178	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.21	70	177954	15.345	ng	# 77
25) Isophorone	7.21	82	1333647	41.380	ng	# 62
50) Dimethylphthalate	9.67	163	141342	3.749	ng	# 1
51) 2,6-Dinitrotoluene	9.67	165	64745	7.570	ng	# 36
57) 2,4-Dinitrotoluene	9.67	165	64745	5.948	ng	# 29
58) Fluorene	10.46	166	28107	Below Cal	#	88
67) 4-Bromophenyl-phenylether	10.46	248	40182	3.730	ng	# 1

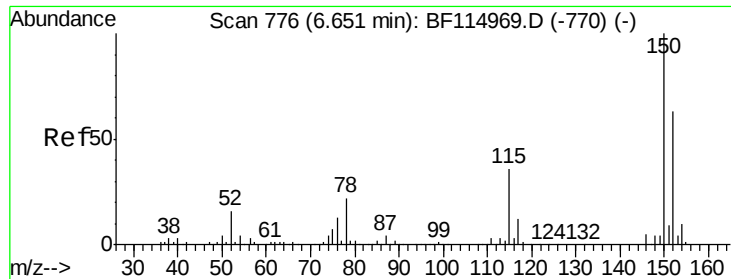
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
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Quant Time: Jun 14 15:40:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration



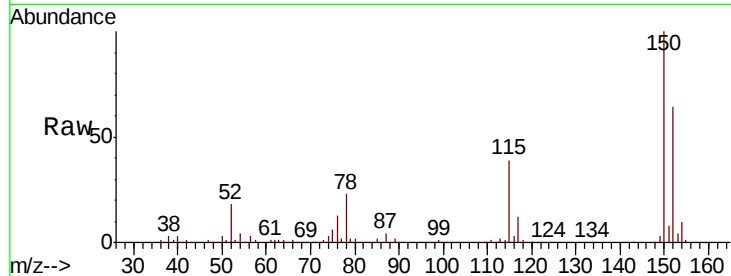


#1

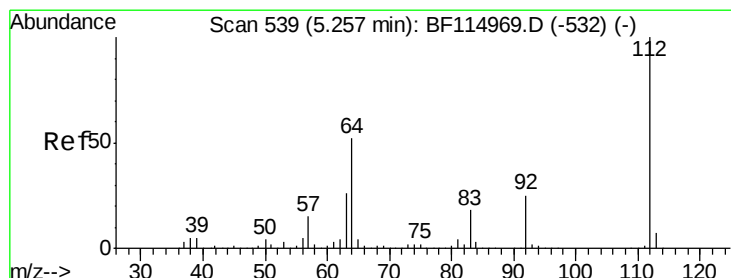
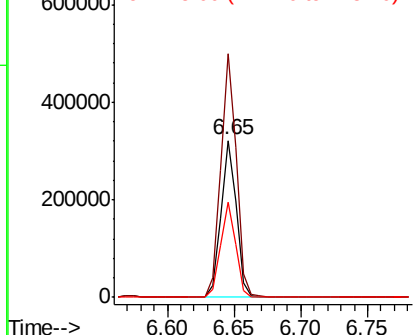
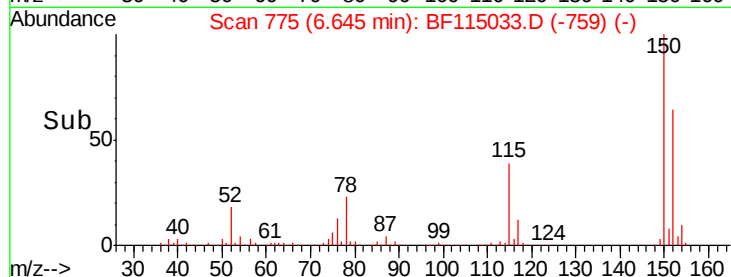
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115033.D
Acq: 14 Jun 2019 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 264220
Ion Ratio Lower Upper
152 100
150 155.0 127.4 191.0
115 60.7 46.0 69.0



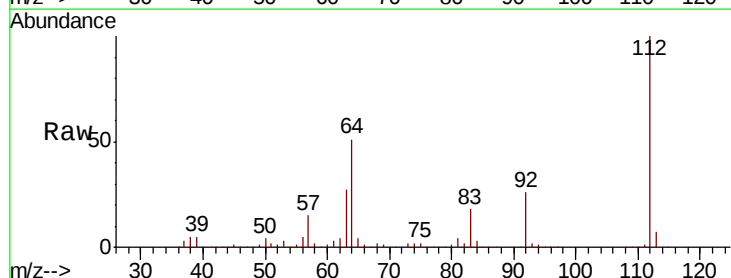
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



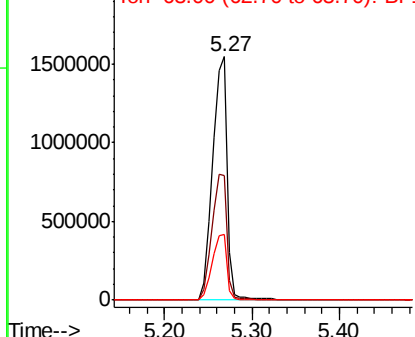
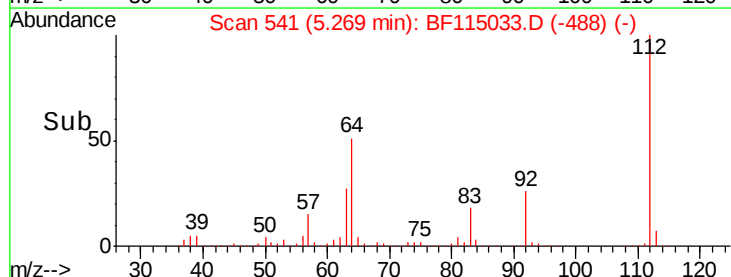
#5

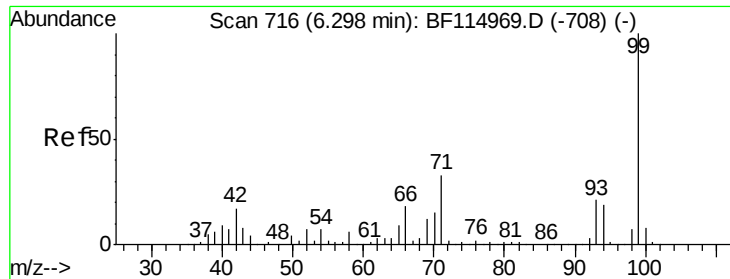
2-Fluorophenol
Concen: 114.420 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF115033.D
Acq: 14 Jun 2019 12:17

Tgt Ion:112 Resp: 1810539
Ion Ratio Lower Upper
112 100
64 51.0 41.6 62.4
63 26.9 20.9 31.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 117.928 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF115033.D

Acq: 14 Jun 2019 12:17

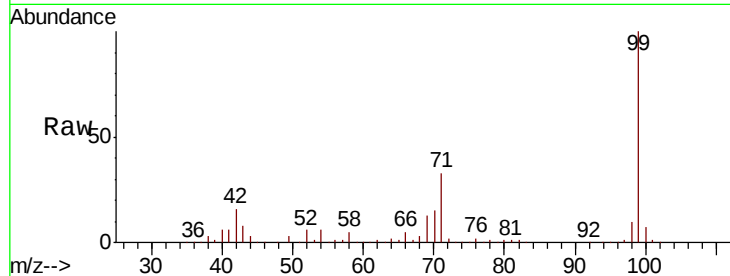
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2250978

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.4	20.2
71	33.2	26.4	39.6

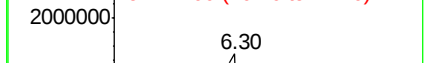


Abundance

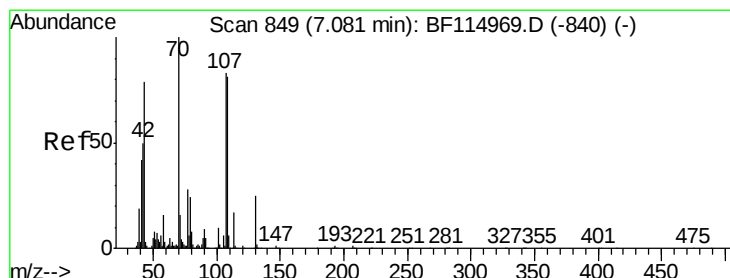
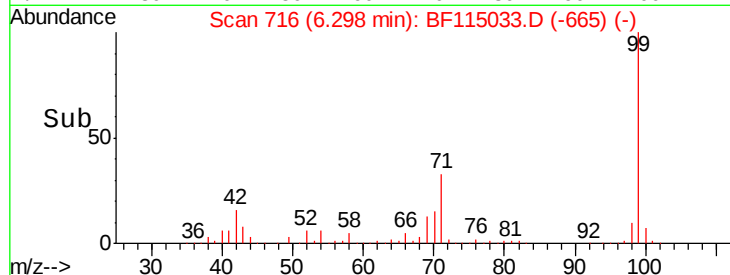
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 15.345 ng

RT: 7.21 min Scan# 871

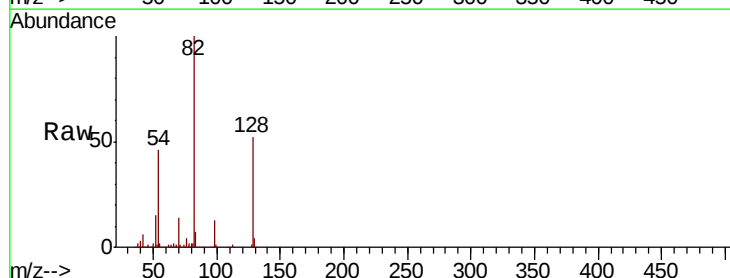
Delta R.T. 0.13 min

Lab File: BF115033.D

Acq: 14 Jun 2019 12:17

Tgt Ion: 70 Resp: 177954

Ion	Ratio	Lower	Upper
70	100		
42	42.5	40.3	60.5
101	0.0	8.2	12.4#
130	2.5	20.3	30.5#



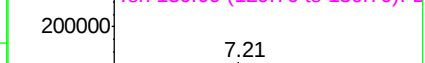
Abundance

Ion 70.00 (69.70 to 70.70): BF1

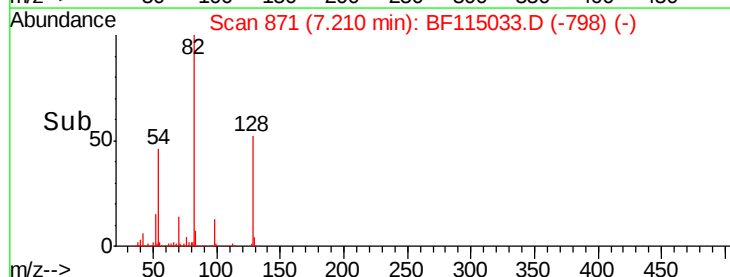
Ion 42.00 (41.70 to 42.70): BF1

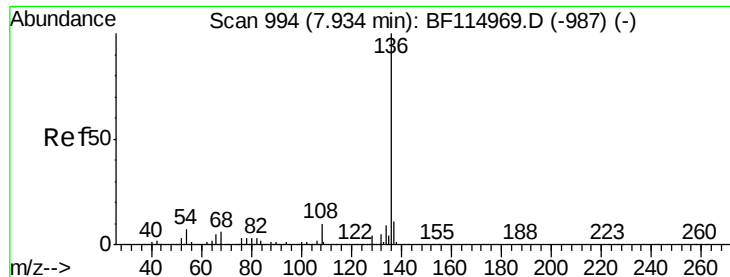
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



Time-->

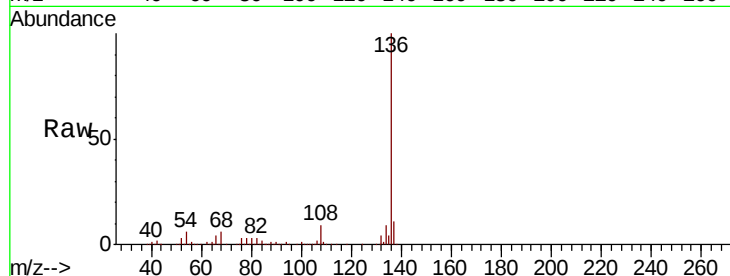




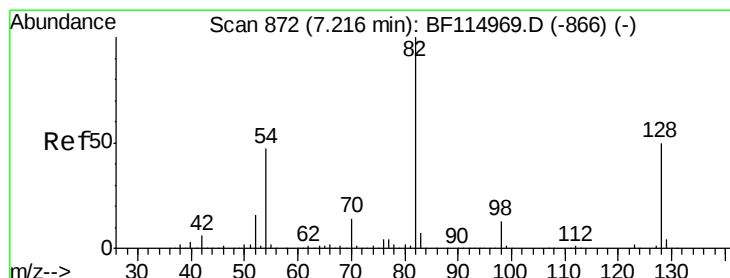
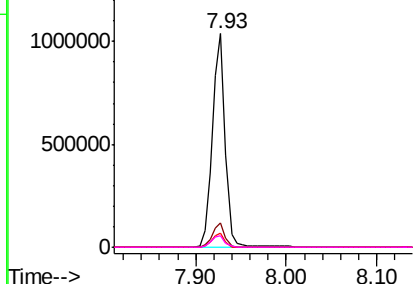
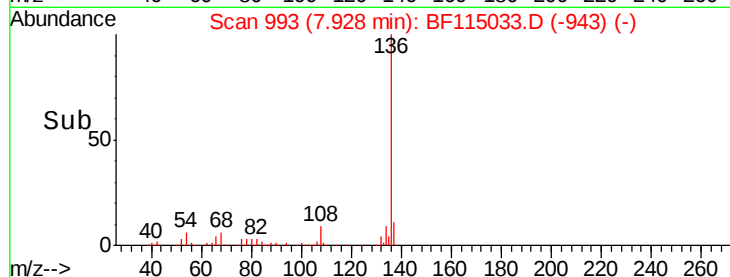
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115033.D
Acq: 14 Jun 2019 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1035786
Ion Ratio	Lower Upper
136 100	
137 11.3	9.0 13.4
54 6.4	5.4 8.0
68 5.6	4.6 7.0

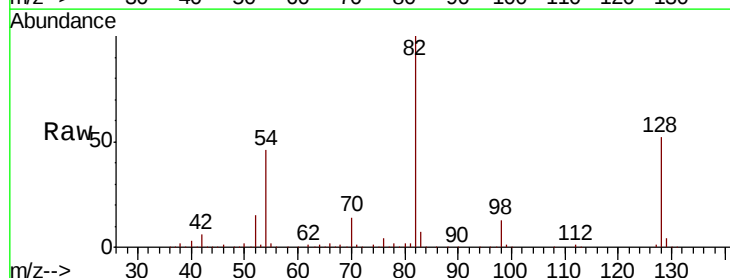


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

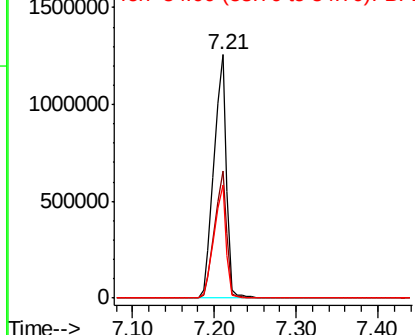
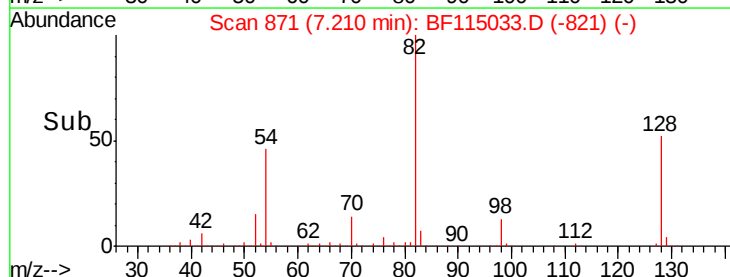


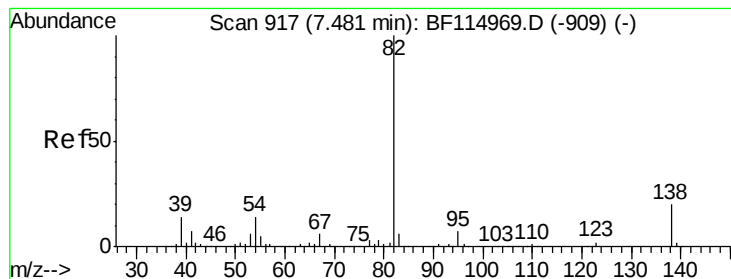
#23
Nitrobenzene-d5
Concen: 79.252 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115033.D
Acq: 14 Jun 2019 12:17

Tgt Ion: 82	Resp: 1363769
Ion Ratio	Lower Upper
82 100	
128 52.3	39.9 59.9
54 46.3	37.3 55.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.380 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.27 min

Lab File: BF115033.D

Acq: 14 Jun 2019 12:17

Instrument :

BNA_F

ClientSampleId :

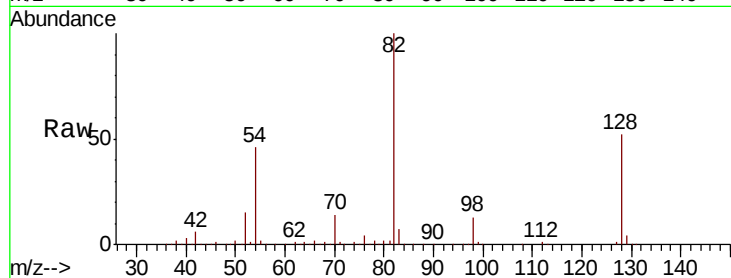
Tot Ion: 82 Resp: 1333647

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

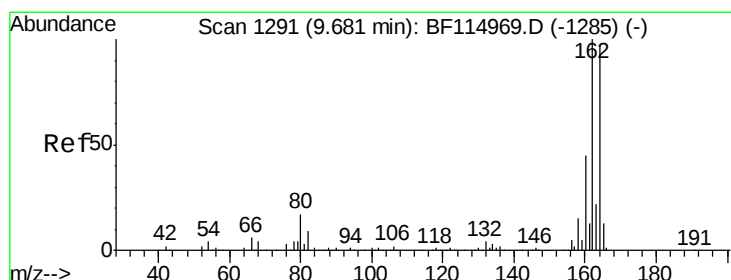
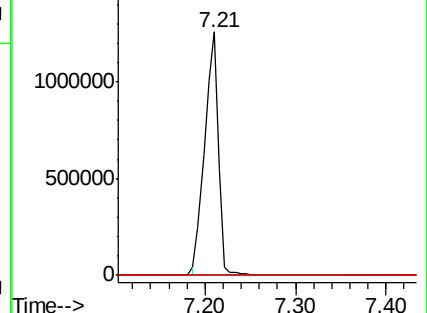
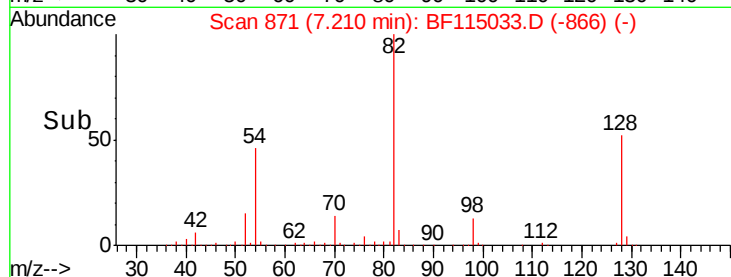
138 0.0 16.1 24.1#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF115033.D

Acq: 14 Jun 2019 12:17

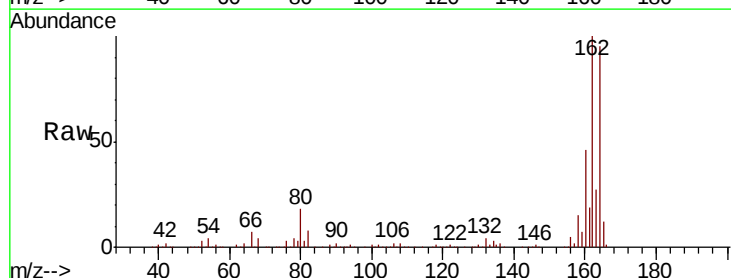
Tgt Ion:164 Resp: 501356

Ion Ratio Lower Upper

164 100

162 104.8 82.6 124.0

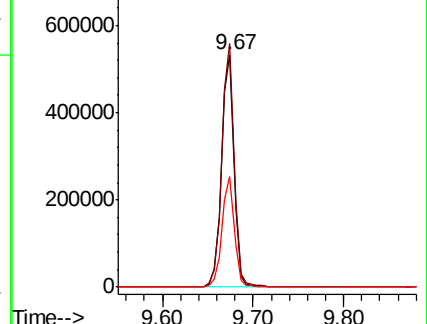
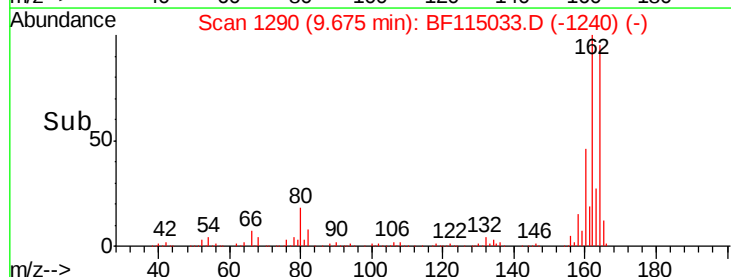
160 47.7 36.9 55.3

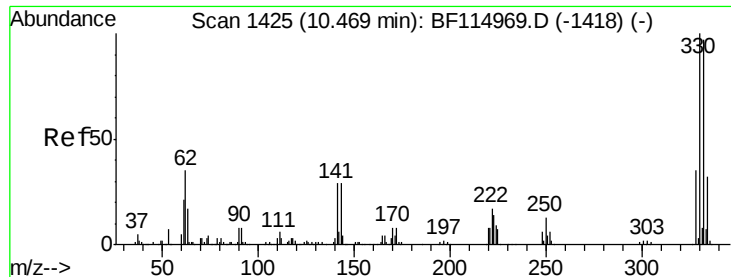


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 118.292 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF115033.D

Acq: 14 Jun 2019 12:17

Instrument :

BNA_F

ClientSampleId :

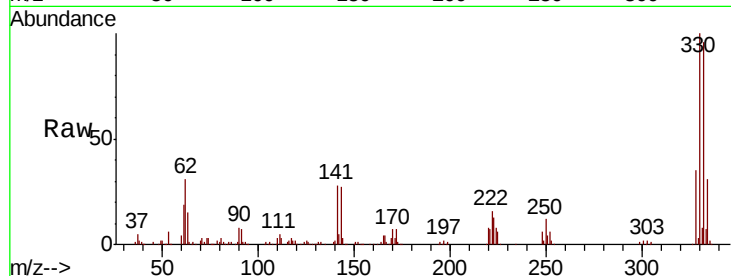
Tot Ion:330 Resp: 635088

Ion Ratio Lower Upper

330 100

332 96.2 77.6 116.4

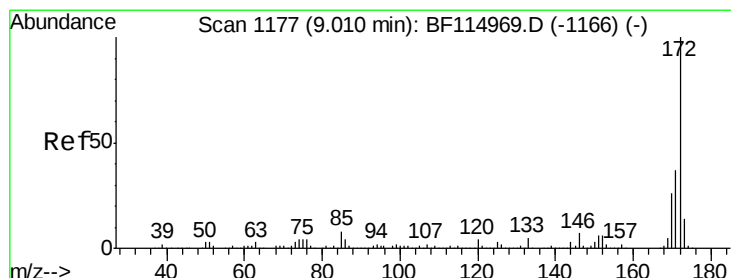
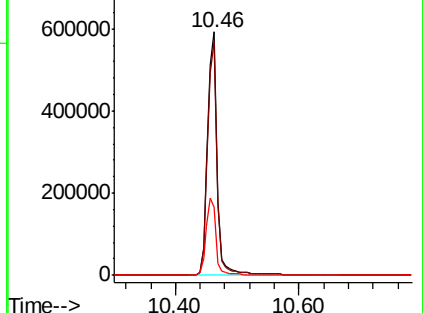
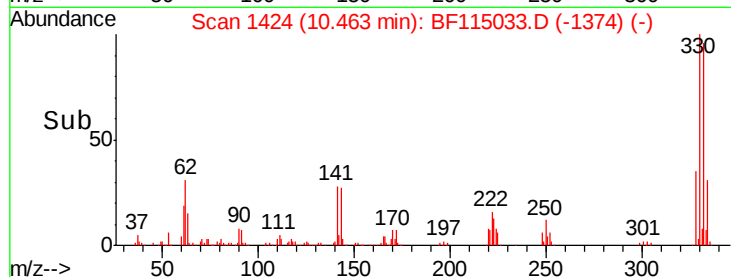
141 33.2 27.2 40.8



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 86.184 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF115033.D

Acq: 14 Jun 2019 12:17

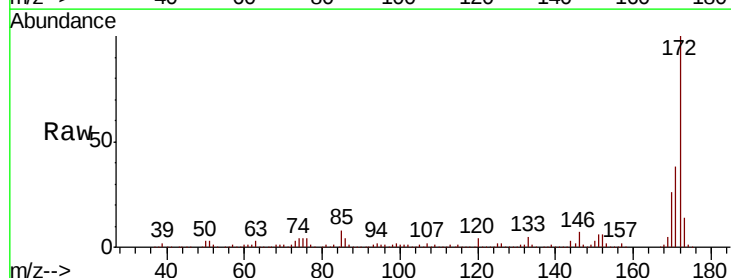
Tgt Ion:172 Resp: 2549436

Ion Ratio Lower Upper

172 100

171 38.2 29.8 44.6

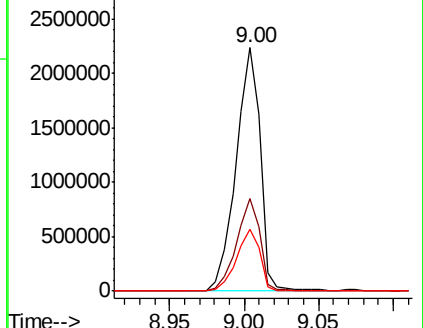
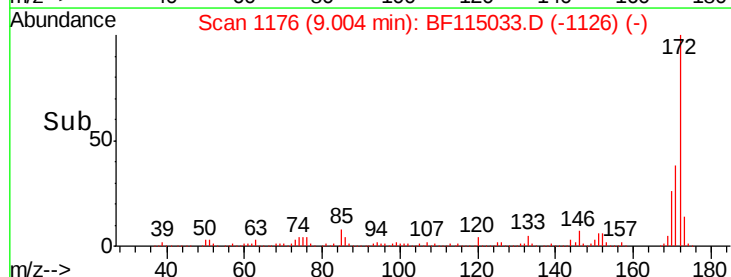
170 25.6 20.6 31.0

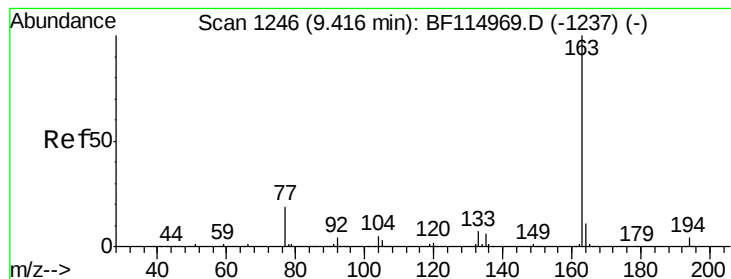


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.749 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.26 min

Lab File: BF115033.D

Acq: 14 Jun 2019 12:17

Instrument :

BNA_F

ClientSampleId :

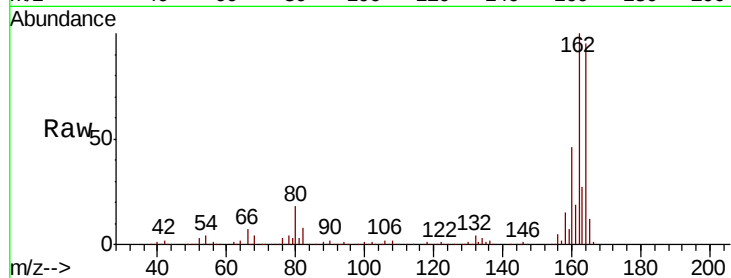
Tot Ion:163 Resp: 141342

Ion Ratio Lower Upper

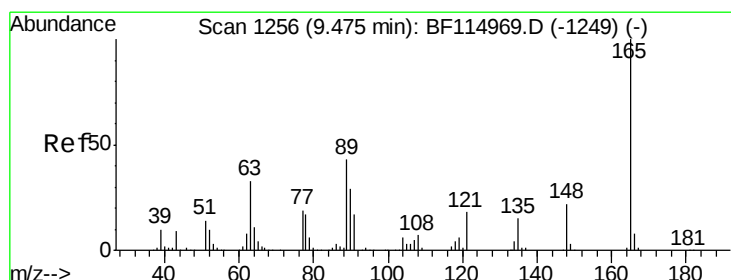
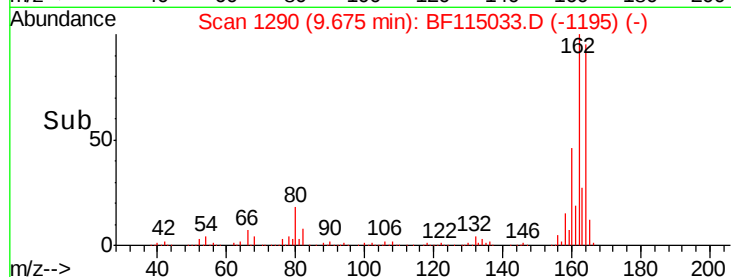
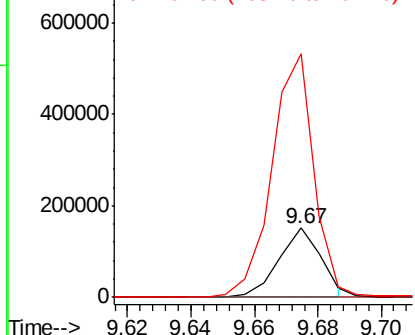
163 100

194 0.0 3.3 4.9#

164 351.5 8.6 12.8#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.570 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.20 min

Lab File: BF115033.D

Acq: 14 Jun 2019 12:17

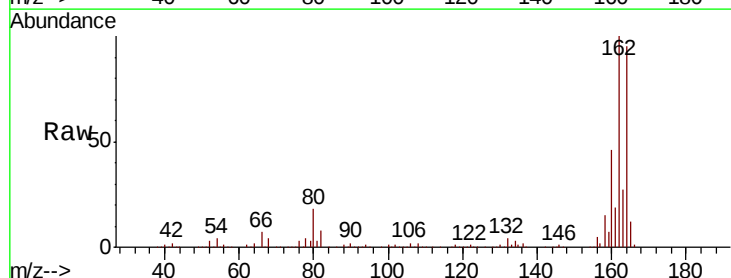
Tgt Ion:165 Resp: 64745

Ion Ratio Lower Upper

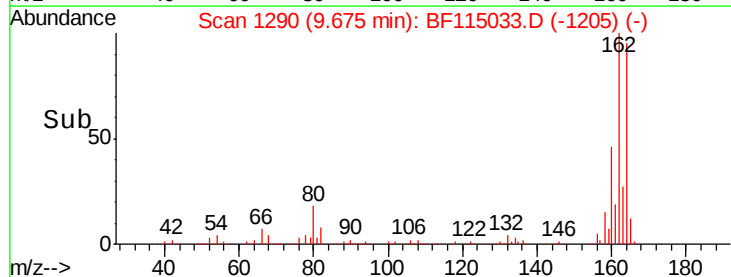
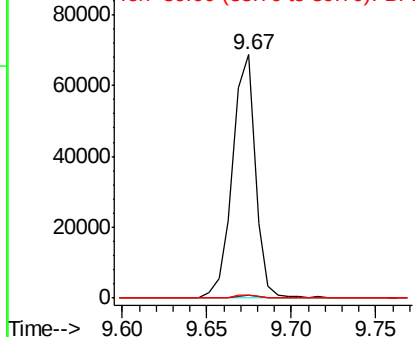
165 100

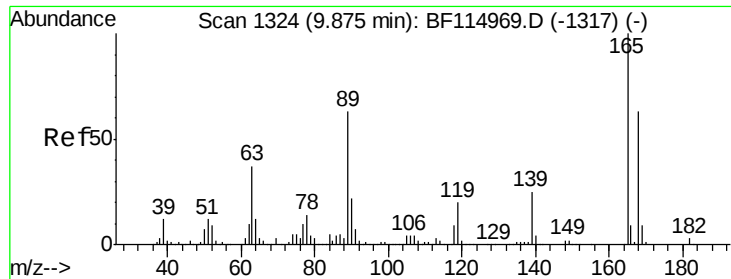
63 1.2 30.6 46.0#

89 1.0 34.4 51.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

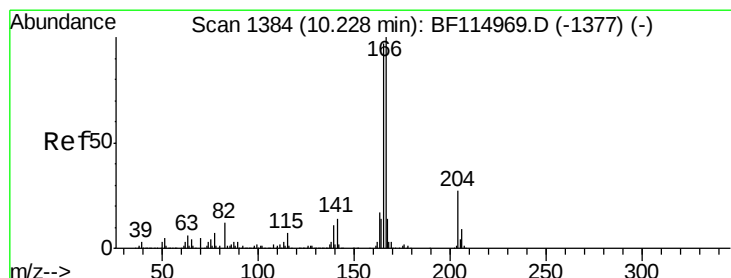
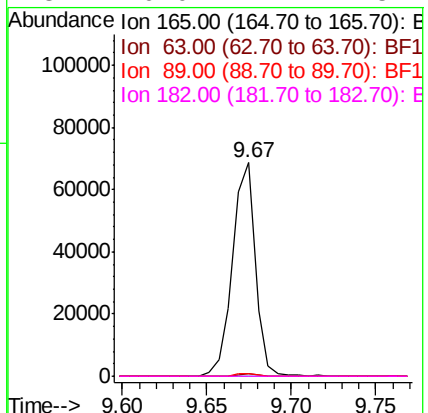
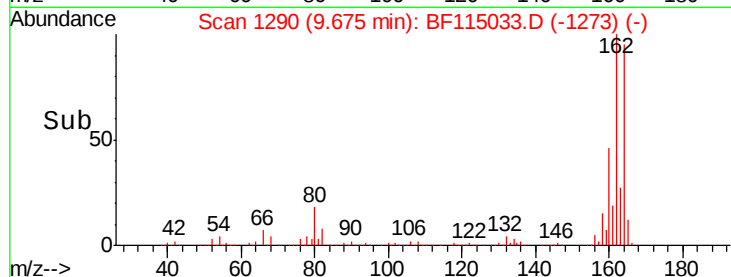
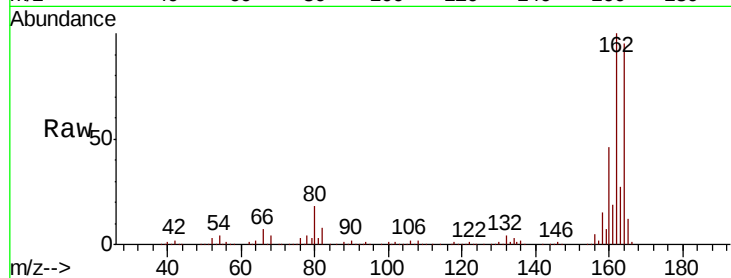




#57
 2,4-Dinitrotoluene
 Concen: 5.948 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.20 min
 Lab File: BF115033.D
 Acq: 14 Jun 2019 12:17

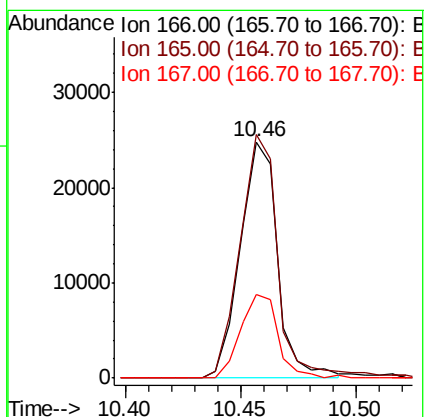
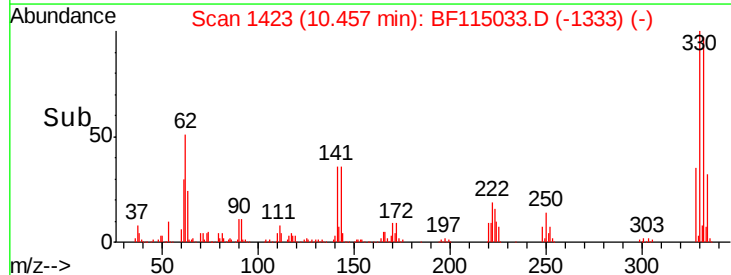
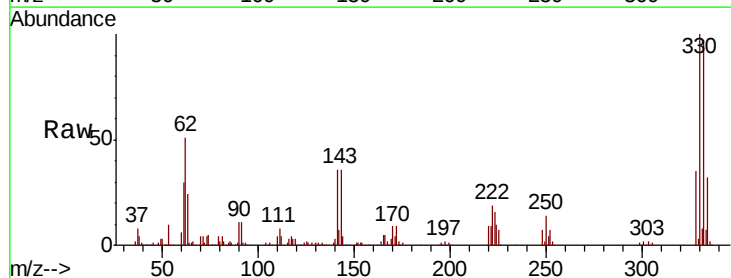
Instrument :
 BNA_F
 ClientSampleId :

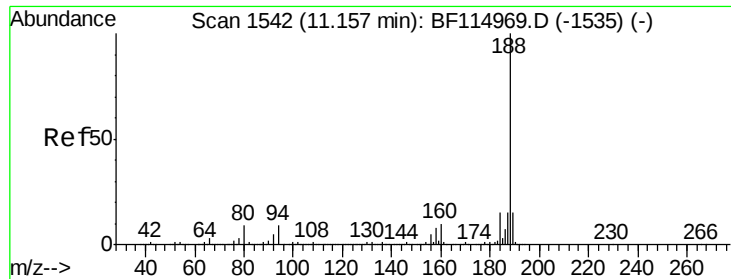
Tot Ion:165	Resp:	64745
Ion Ratio	Lower	Upper
165	100	
63	1.2	29.4 44.2#
89	1.0	50.6 75.8#
182	0.0	2.2 3.2#



#58
 Fluorene
 Concen: Below Cal
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.23 min
 Lab File: BF115033.D
 Acq: 14 Jun 2019 12:17

Tgt Ion:166	Resp:	28107
Ion Ratio	Lower	Upper
166	100	
165	103.2	77.6 116.4
167	35.5	11.0 16.4#

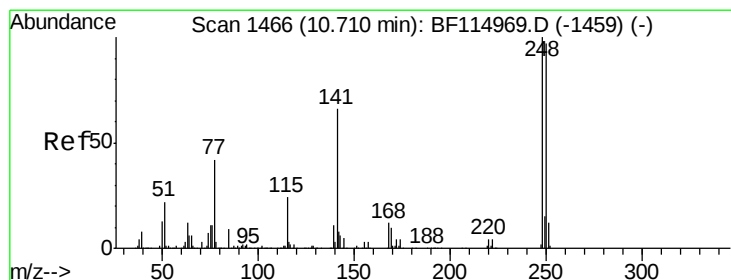
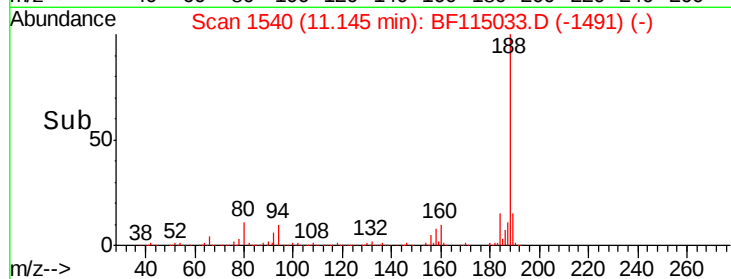
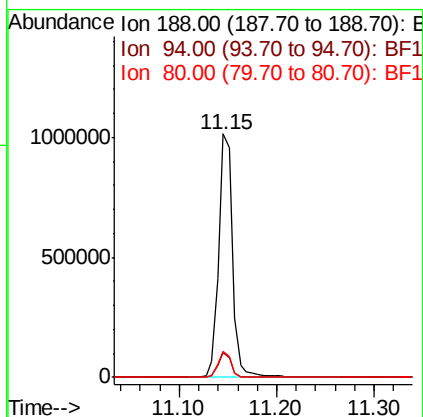
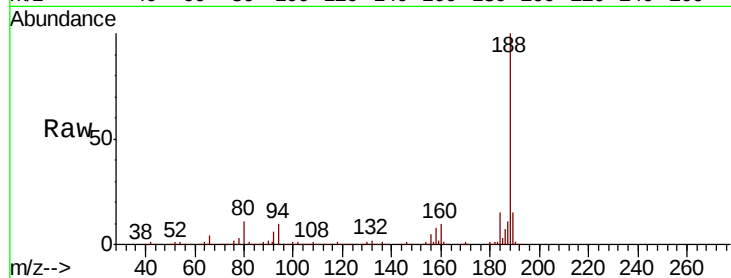




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF115033.D
 Acq: 14 Jun 2019 12:17

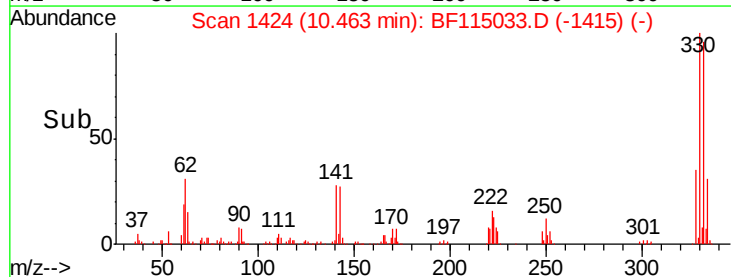
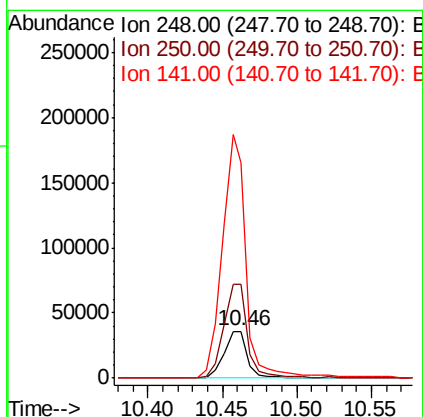
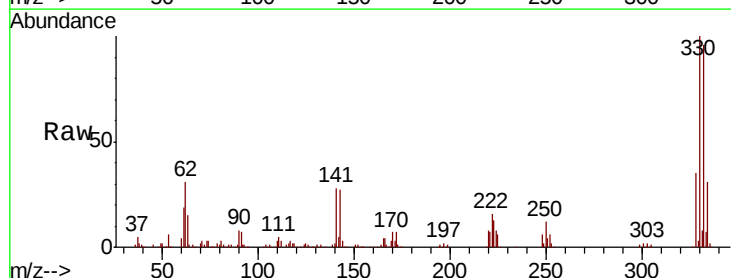
Instrument :
 BNA_F
 ClientSampleId :

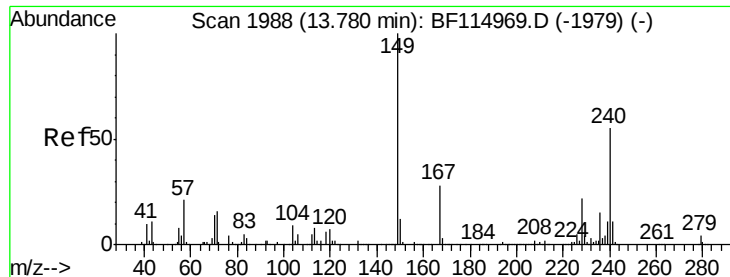
Tot Ion:188 Resp: 1003246
 Ion Ratio Lower Upper
 188 100
 94 10.3 7.2 10.8
 80 10.9 7.4 11.2



#67
 4-Bromophenyl-phenylether
 Concen: 3.730 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.25 min
 Lab File: BF115033.D
 Acq: 14 Jun 2019 12:17

Tgt Ion:248 Resp: 40182
 Ion Ratio Lower Upper
 248 100
 250 200.0 77.8 116.8#
 141 461.2 53.1 79.7#

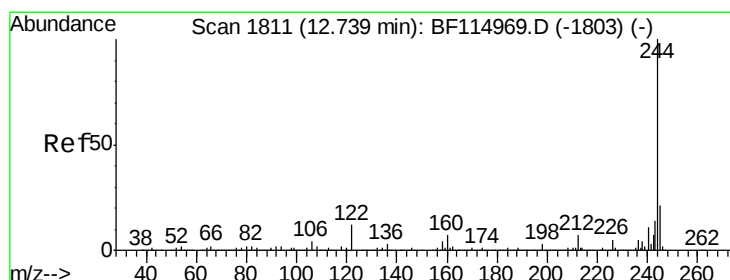
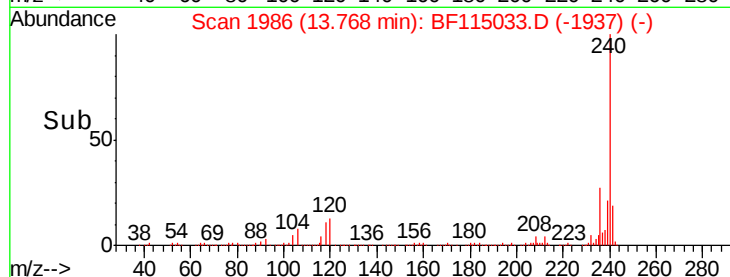
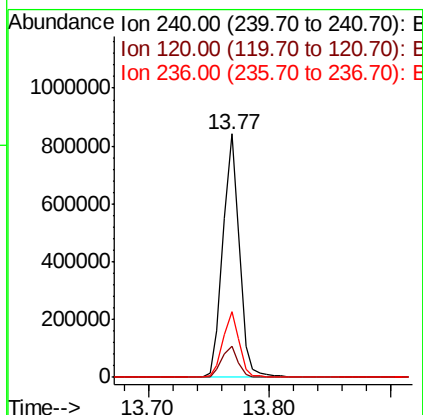
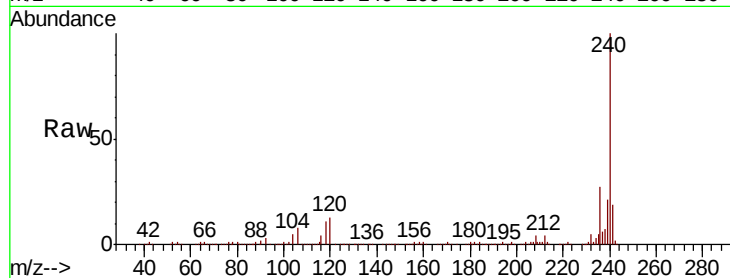




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115033.D
Acq: 14 Jun 2019 12:17

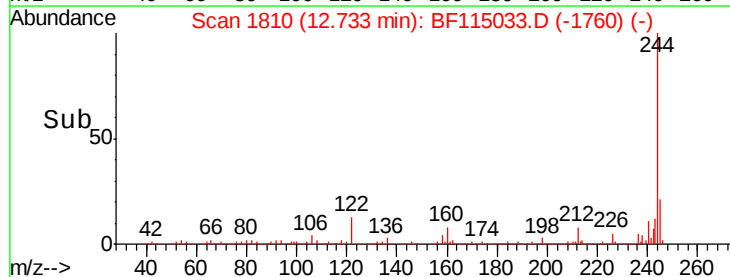
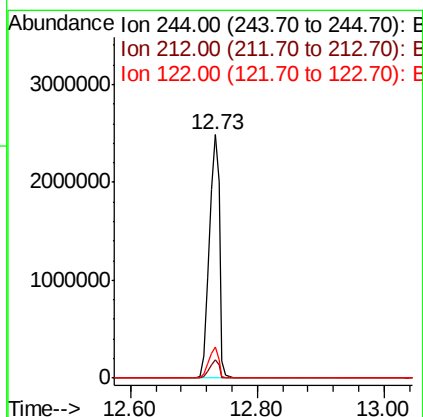
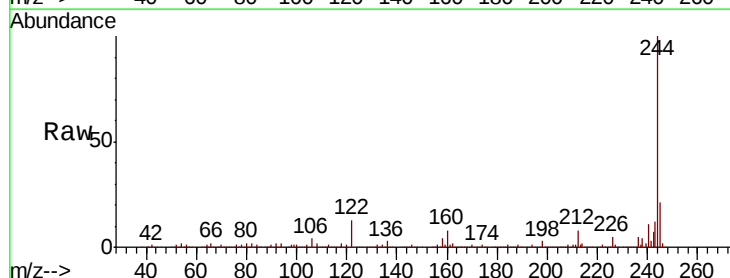
Instrument :
BNA_F
ClientSampleId :

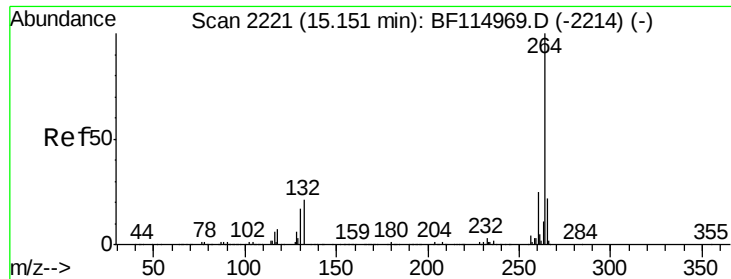
Tot Ion:240 Resp: 798139
Ion Ratio Lower Upper
240 100
120 12.8 10.0 15.0
236 26.8 21.6 32.4



#79
Terphenyl-d14
Concen: 66.438 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF115033.D
Acq: 14 Jun 2019 12:17

Tgt Ion:244 Resp: 2819278
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.8
122 12.6 9.4 14.0





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF115033.D
 Acq: 14 Jun 2019 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.9	29.9
265	21.8	17.6	26.4

